

## **CLAIMS**

1                   1. Apparatus for establishing a distance between a test head and a  
2 peripheral, comprising

5 a linear unit for moving said frame towards or away from a  
6 docking surface of the other of said test head and said peripheral.

1                   2.     Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 1, wherein said one of said test head and said  
3 peripheral is coupled to alignment features for docking said one of said test head and  
4 said peripheral with said other of said test head and peripheral.

1                   3.         Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 1, wherein said linear unit includes one of a male and  
3 female threaded member attached to the other of said test head and peripheral.

1                   4.         Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 3, wherein said frame includes the other of said male  
3 and said female member threaded member.

1                   5.         Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 3, wherein said one of said male and female threaded  
3 member is rotated in order to move said frame towards or away from said docking  
4 surface of the other of said test head and said peripheral.

1                 6.         Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 4, wherein the other of said male and female member  
3 is rotated in order to move said frame towards or away from said docking surface of  
4 the other of said test head and said peripheral.

1                 7.         Apparatus for establishing a distance between a test head and a  
2 peripheral according to claim 1, wherein said linear unit is coupled to a detent plate  
3 having a detent, said detent plate is coupled to the other of said test head and said  
4 peripheral, a lever is coupled to said frame, and said lever engages said detent to  
5 indicate said frame is in an intended position relative to the other of said test head  
6 and said peripheral.

1                 8.         Apparatus of claim 1, wherein said linear unit is one of a  
2 plurality of linear units for moving said frame.

1                 9.         Apparatus of claim 7, wherein said detent is one of a plurality of  
2 detents for indicating a respective plurality of intended positions of said frame  
3 relative to the other of said test head and said peripheral.

1                 10.      Apparatus of claim 8, wherein a crank is rotated to cause said  
2 plurality of linear units to move said frame.

1                 11.      Apparatus of claim 1, wherein said docking surface is between  
2 said frame and said one of said test head and said peripheral.

1                 12.      Method for establishing a distance between a test head and a  
2 peripheral, comprising:

3               providing a frame to which one of said test head and said peripheral is docked  
4       in order to dock said one of said test head and said peripheral with the other of said  
5       test head and said peripheral; and

6               moving said frame towards or away from a docking surface of the other of  
7       said test head and said peripheral.

1               13.     Method according to claim 12, wherein said one of said test head and  
2       said peripheral is coupled to alignment features for docking said one of said test head  
3       and said peripheral with said other of said test head and peripheral.

1               14.     Method according to claim 12, wherein said linear unit is one of a male  
2       and female threaded member attached to the other of said test head and peripheral.

1               15.     Method according to claim 14, wherein said frame includes the other of  
2       said male and said female member threaded member.

1               16.     Method according to claim 14, wherein said one of said male and  
2       female threaded member is rotated in order to move said frame towards or away  
3       from said docking surface of the other of said test head and said peripheral.

1               17.     Method according to claim 15, wherein the other of said male and  
2       female member is rotated in order to move said frame towards or away from said  
3       docking surface of the other of said test head and said peripheral.

1               18.     Method according to claim 12, wherein said linear unit is coupled to a  
2       detent plate having a detent, said detent plate is coupled to the other of said test  
3       head and said peripheral, a lever is coupled to said frame, and said lever engages

4 said detent to indicate said frame is in an intended position relative to the other of  
5 said test head and said peripheral.

1 19. Method according to claim 12, wherein said linear unit is one of a  
2 plurality of linear units for moving said frame.

1 20. Method according to claim 19, wherein a crank is rotated to cause said  
2 plurality of linear units to move said frame.

1 21. Method according to claim 12, wherein said docking surface is between  
2 said frame and said one of said test head and said peripheral.

1 22. Method according to claim 18, wherein said detent is one of a plurality  
2 of detents for indicating a respective plurality of intended positions of said frame  
3 relative to the other of said test head and said peripheral.